



SEQUENCE LISTING

<110> Yamamura Ken-ichi  
Araki Kimi

<120> TRAP VECTORS AND GENE TRAPPING USING THE SAME

<130> 4456-0101P

<140> 10/030,658

<141> 2002-01-11

<150> JP99/200997

<151> 1999-07-14

<160> 17

<170> PatentIn Ver. 2.0

<210> 1

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 1

taccgttcgt ata

13

<210> 2

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 2

tatacgaacg gta

13

<210> 3

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 3

ataacttcgt atagcataca ttatacgaag ttat

34

<210> 4

<211> 13

<212> DNA

<213> Artificial Sequence

<220>  
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 <400> 4  
 ataacttcgt ata 13  
  
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 <210> 6  
 <211> 34  
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 <213> Other  
  
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 <212> DNA  
 <213> Artificial Sequence  
  
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 <212> DNA  
 <213> Artificial Sequence  
  
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 <223> Ori2 forward primer used in PCR for detecting the replication

origin region in pUC vector

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<400> 9
gccagtggcg ataagtcgtg tc                                     22

<210> 10
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<223> Ori3 reverse primer used in PCR for detecting the replication
      origin region in pUC vector

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cacagaatca ggggataacg c                                     21

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ctcaaggtan agcaacagcg gctaacaaca aacgtcagct tagtgaaaac cgaaagccct 120
tcaacttttt gcctatgcag attaatacta acaagagcaa ggatgctact gcaagtcttc 180
caaagagaga gatgacaacg tcagcacagt gcaaagagtt gtttgcttct gctctaagta 240
atgacctttt gcaaaactgt caatctctga agaagatggg agaggggagc ctgcatggga 300
aacaccagat tgtaagcagg cttgttcaat cctgactata ttactaaagc tagttctatg 360
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<223> n is a, c, g, or t

<220>  
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<223> n is a, c, g, or t

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ttacagaaac tacaggaagc ttatctggag tcagcatcac atctgaacta aatgaagaac 120  
tgaatgattt aattcagcgt ttccataatc agcttcgtga ttctcagcct ccagctgttc 180  
cagacaacag aagacaggca gaaagtcttt cattaactag agagatttct cagagcagaa 240  
atcctcagct ttctgaacat ttacctgatg agaaagtaca gcttttttagc aaaatgagag 300  
tactacagga aaagaacaag aaatggacaa attagttggg agaacttcat aaccttcgag 360  
atnagcatct gaacaactca tcatttctgc cntcaacttc ncnccaaaga agtggg 416

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<212> DNA  
<213> Mus musculus

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<223> n is a, c, g, or t

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<223> n is a, c, g, or t

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<223> n is a, c, g, or t

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<223> n is a, c, g, or t

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<223> n is a, c, g, or t

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<400> 13  
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gagtatatgg cttttccaaa accctctgna aagcagttct tctcttggag cagaaaagca 120  
aaggaatcaa gaaacagccc gaagaggaag ctgaaaacac taagacacca tggttatatg 180  
atcaagaagg tggagtagaa aaaccatttt tcaagactgg atttacagag tctgtagaga 240  
aagntacaaa atagtanccg caaaaatcaa ccagatacaa gcaggagaag acgtcggttt 300  
gatgaagaat cccttggaag gcttttagcag tatgcctgat cctatagacc caacatcagt 360  
aactaaaaca tttaaaacaa gaaaagcadc tgcccaggcc agcctggcct ctaaggacaa 420  
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attg 484

<210> 14  
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<212> DNA  
<213> Mus musculus

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aatctggaac actataacgg aaaggagttc gagaagctcc tggaggaagc tcaggccaac 120  
atcatgaagt caattccaaa cctggagatg cccccagctt ccagcccagt gtcaaaggga 180  
gatgcggcag gggataagct ggagctgtca g 211

<210> 15  
<211> 34  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:synthetic DNA

<400> 15  
taccgttcgt atagcataca ttatacgaag ttat

34

<210> 16  
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<223> Description of Artificial Sequence:synthetic DNA

<400> 16

ataacttcgt atagcataca ttatacgaac ggta

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<210> 17

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:synthetic DNA

<400> 17

tattgaagca tatcgtatgt aatatgcttc aata

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